

इंटरनेट

मानक

Disclosure to Promote the Right To Information

Whereas the Parliament of India has set out to provide a practical regime of right to information for citizens to secure access to information under the control of public authorities, in order to promote transparency and accountability in the working of every public authority, and whereas the attached publication of the Bureau of Indian Standards is of particular interest to the public, particularly disadvantaged communities and those engaged in the pursuit of education and knowledge, the attached public safety standard is made available to promote the timely dissemination of this information in an accurate manner to the public.

“जानने का अधिकार, जीने का अधिकार”

Mazdoor Kisan Shakti Sangathan

“The Right to Information, The Right to Live”

“पुराने को छोड़ नये के तरफ”

Jawaharlal Nehru

“Step Out From the Old to the New”

IS 9060 (1979): Hook, Small, Zoellner's Pattern [MHD 4:
Ear, Nose and Throat Surgery Instruments]



“ज्ञान से एक नये भारत का निर्माण”

Satyanarayan Gangaram Pitroda

“Invent a New India Using Knowledge”



“ज्ञान एक ऐसा खजाना है जो कभी चुराया नहीं जा सकता है”

Bhartrhari—Nitiśatakam

“Knowledge is such a treasure which cannot be stolen”

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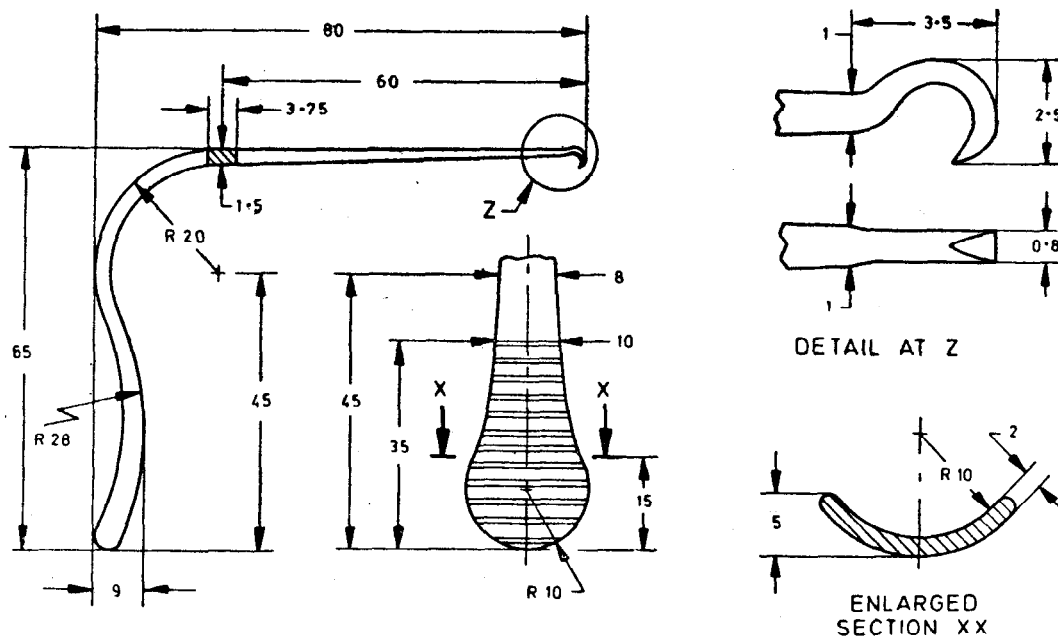




Indian Standard
**SPECIFICATION FOR
HOOK, SMALL, ZOELLNER'S PATTERN**

1. Scope — Covers dimensional and other requirements for Zoellner's small hook used in ENT microsurgery.

2. Shape and Dimensions — As shown in Fig. 1.



All dimensions in millimetres.

FIG. 1 HOOK, SMALL, ZOELLNER'S PATTERN

2.1 A deviation of ± 2.5 percent shall be allowed on all dimensions.

3. Material — Stainless steel conforming to Designation 30Cr13 of IS : 6603-1972 'Specification for stainless steel bars and flats'.

4. Workmanship and Finish

4.1 The surfaces of the hook shall be free from pits, dents, burrs, scales and other defects.

4.2 All the edges shall be even and rounded.

4.3 The hook shall be passivated and matt finished.

4.4 The hook shall be forged in one piece to the required shape and size.

4.5 The hook shall be well balanced and symmetrical on its centre line.

4.6 Grooves shall be provided on the handle for easy grip.

5. Heat Treatment — The instrument shall be hardened and tempered to a hardness of 380 to 480 HV.

6. Tests

6.1 Flexibility — Grip the hook in a suitable vice so that the working end projects from the vice in the horizontal plane. Apply a force at 3.5 mm from the end so as to deflect by 5 mm as measured at the end in the horizontal plane. The hook shall not show any damage or permanent set after the test.

Adopted 22 March 1979

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6.2 The hook shall pass the boiling and autoclaving test as mentioned in IS : 7531-1975 'Method for boiling and autoclaving test for corrosion resistance of stainless steel surgical instruments'.

7. Marking — The hook shall be marked with the manufacturer's name, initials or registered trade-mark.

7.1 ISI Certification Marking — Details available with the Indian Standards Institution.

8. Packing — The hook shall be thoroughly cleaned, preferably ultrasonically, and dried before packing. The hook shall be wrapped in moisture-proof paper or packed in polyethylene bag. Each hook shall then be packed in individual carton in such a way that its working end is protected from coming in contact with hard surface resulting in any damage. The hook may also be packed as agreed to between the purchaser and the supplier.